

(contents continued from outside back cover)

Chemical Reaction Engineering

Bubble size in aerated stirred tanks S. S. Alves, C. I. Maia, J. M. T. Vasconcelos and A. J. Serralheiro	109
Experimental equipment for high-throughput synthesis and testing of catalytic materials I. Hahndorf, O. Buyevskaya, M. Langpape, G. Grubert, S. Kolf, E. Guillon and M. Baerns	119
A novel method for measuring the residence time distribution in short time scale particulate systems A. T. Harris, J. F. Davidson and R. B. Thorpe	127
Kinetic model of one-part curing system with moving boundary conditions T. Matsui	143
A simple method for systematic synthesis of thermally integrated distillation sequences G. Sobočan and P. Glavič	155
Application of shape factor to determine the permeability of perfusive particles B. Albusairi and J. T. Hsu	173
Cinétique de nucléation hétérogène et de croissance cristalline de l'hydroxyapatite lors de la précipitation spontanée des phosphates de calcium dans des solutions sucrées A. Jourani and T. Bounahmidi	185
Pilot scale deionisation of a galvanic nickel solution using a hybrid ion-exchange/electrodialysis system P. B. Spoor, L. Grabovska, L. Koene, L. J. J. Janssen and W. R. ter Veen	193
Analysis of gas-liquid mass transfer in an airlift contactor with perforated plates S. Krichnavaruk and P. Pavasant	203
Preparation of high surface area $\text{La}_{1-x}\text{A}_x\text{MnO}_3$ (A=Ba, Sr or Ca) ultra-fine particles used for CH_4 oxidation Y. Liu, H. Zheng, J. Liu and T. Zhang	213

Environmental Chemical Engineering

Liquid-liquid equilibria of limonene+linalool+diethylene glycol system at different temperatures A. Arce, A. Marchiaro, O. Rodríguez and A. Soto	223
Inclined wettable filter for mist purification I. E. Agranovski, T. Myojo, R. D. Braddock and D. Jarvis	229
Some studies of cadmium adsorption using <i>Aspergillus niger</i> , <i>Penicillium austrianum</i> , employing an airlift fermenter Kh. Rostami and M. R. Joodaki	239
A theoretical study of the improvement in performance of double-pass mass exchangers with external refluxes separated by an idealized permeable barrier C. -D. Ho and S. -C. Chiang	253
Author Index	263
Subject Index	265